

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

In the Claims:

(1) – (9) (Canceled)

(10) (Currently Amended) An electric radiator adapted to be filled with oil and comprising:

a plurality of generally vertically extending radiating fins being linked in turn, each radiating fin being hollow and sheet-like and having at least two grooves therein for oil, hollow connecting sleeves extending generally horizontally from upper and lower ends of each fin, each connecting sleeve including an oil-inflow hole therein in communication with the fin such that the fins may be filled with oil;

an electric-control box mounted in relation to the radiating fins and having operatively associated therewith a switch, a temperature controller, a heat protector, and a wire;

a heater located inside of the radiating fins;

the plurality of fins being similarly shaped and dimensioned and with the upper end of each respective fin extending in a respective first vertical plane and the lower end of each respective fin extending in a respective second vertical plane, the plurality of fins being selected from the group of (a) a first set of fins wherein for each fin in the first set of fins the respective first and second vertical planes not being coplanar, wherein the upper and lower ends of each fin are in the different vertical planes or (b) a second set of fins wherein the upper and lower ends for each fin in the second set of fins the respective first and second vertical planes being

generally coplanar so to be of each fin are in generally a same vertical plane, with at least a middle portion of each fin being curved to form a convex configuration towards a side.

(11) (Currently Amended) The electric radiator filled of claim ~~[[1]]~~ 10, wherein the plurality of fins are the first set of fins, each fin having a curved portion connected connecting the upper and lower ends, the curved portion including two oppositely-directed folds.

(12) (Previously Presented) The electric radiator of claim 11, the two folds being generally equal in radius (R) and length of arc, and being generally circular-arc in shape, the radius R being not less than 15 mm, the folds defining a central angle between 30° and 60° inclusive.

(13) (Currently Amended) The electric radiator claim 11, wherein the upper and lower ends of each fin are of generally equal length, ~~the length-end and a~~ height of the curved portion defining a ratio between 1:1 and 5:1 inclusive.

(14) (Currently Amended) ~~The electric radiator of claim 10, wherein the fins are the second set of fins;~~ An electric radiator adapted to be filled with oil and comprising:

a plurality of generally vertically extending radiating fins being linked in turn, each radiating fin being hollow and sheet-like and having at least two grooves therein for oil, hollow connecting sleeves extending generally horizontally from upper and lower ends of each fin, each connecting sleeve including an oil-inflow hole therein in communication with the fin such that the fins may be filled with oil;

an electric-control box mounted in relation to the radiating fins and having operatively associated therewith a switch, a temperature controller, a heat protector, and a wire;

a heater located inside of the radiating fins;

the plurality of fins being similarly shaped and dimensioned, and wherein the upper and lower ends of each fin are in generally a same vertical plane, with at least a middle portion of each fin being curved to form a convex configuration towards a side, and wherein the middle portion of each fin includes a middle fold in a first direction and two end folds at ends of the middle fold, the two end folds having a second direction which is reverse to the first direction.

(15) (Previously Presented) The electric radiator of claim 14, the middle fold and end folds being circular-arc in shape, the middle fold having a radius between 80 mm and 100 mm inclusive and defining a central between 40° and 70° inclusive, each end fold having a respective radius between 15 mm and 30 mm inclusive and defining respective central angles between 30° and 50° inclusive.

(16) (Currently Amended) The electric radiator of claim 14, wherein the upper and lower ends of each fin are of generally equal length, the length ~~[[end]]~~ and ~~[[a]]~~ height of the middle portion defining a ratio between 1:1 and 0.2:1 inclusive.

(17) (Currently Amended) The electric radiator of claim ~~[[1]]~~ 10 further comprising a back cover, the electric-control box being associated with a leftmost radiating fin, the back cover being associated with a rightmost radiating fin, and wherein the electric-control box and the back cover include heat radiating holes.

(18) (Previously Presented) The electric radiator of claim 10 further comprising wheels mounted in relation to a bottom of the radiating fins.